

FIG. 2

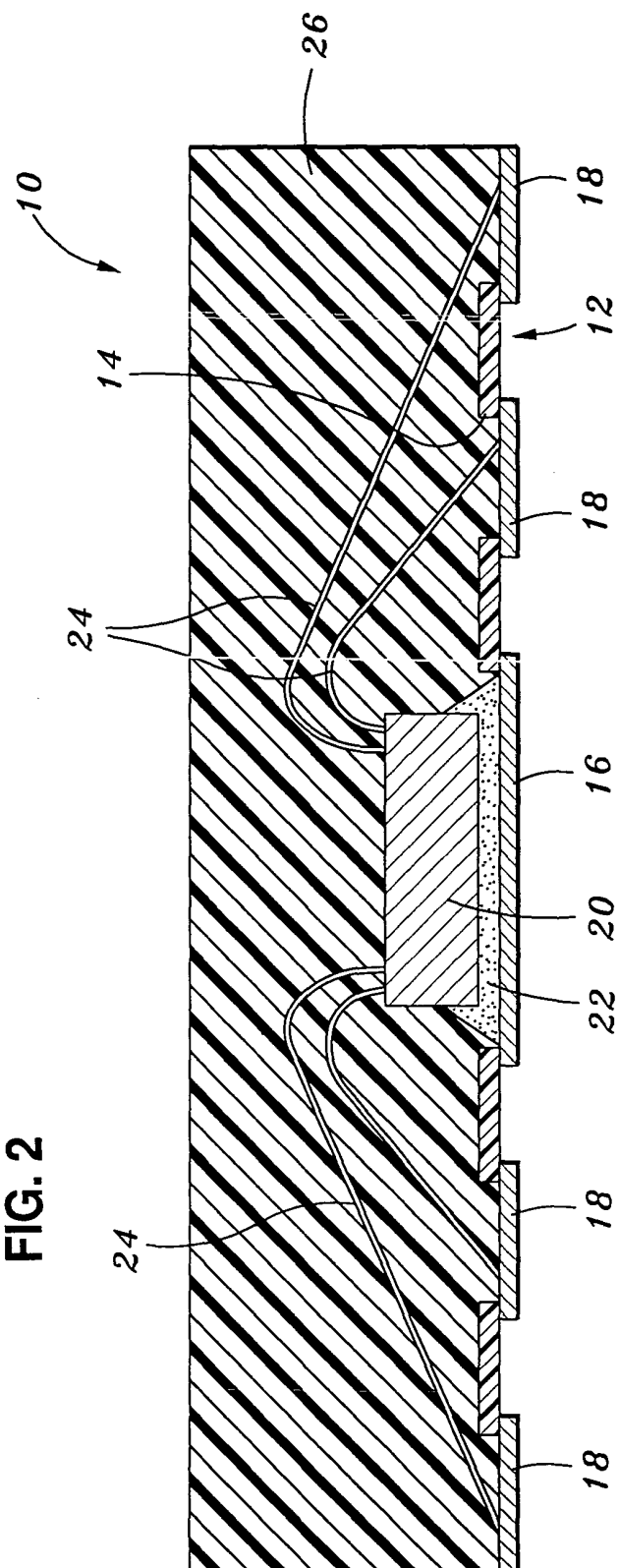


FIG. 1

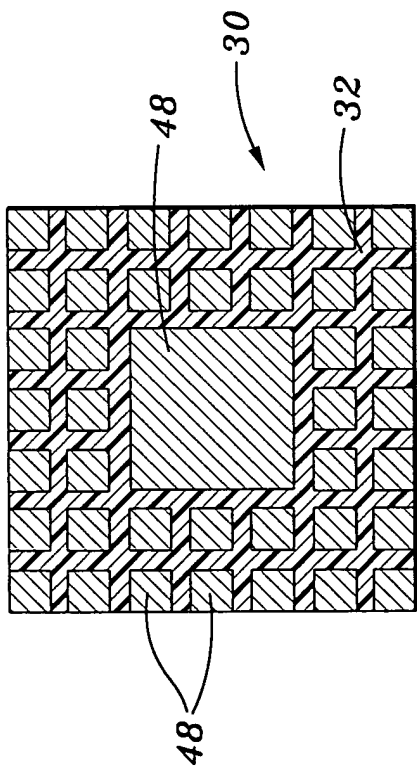


FIG. 4

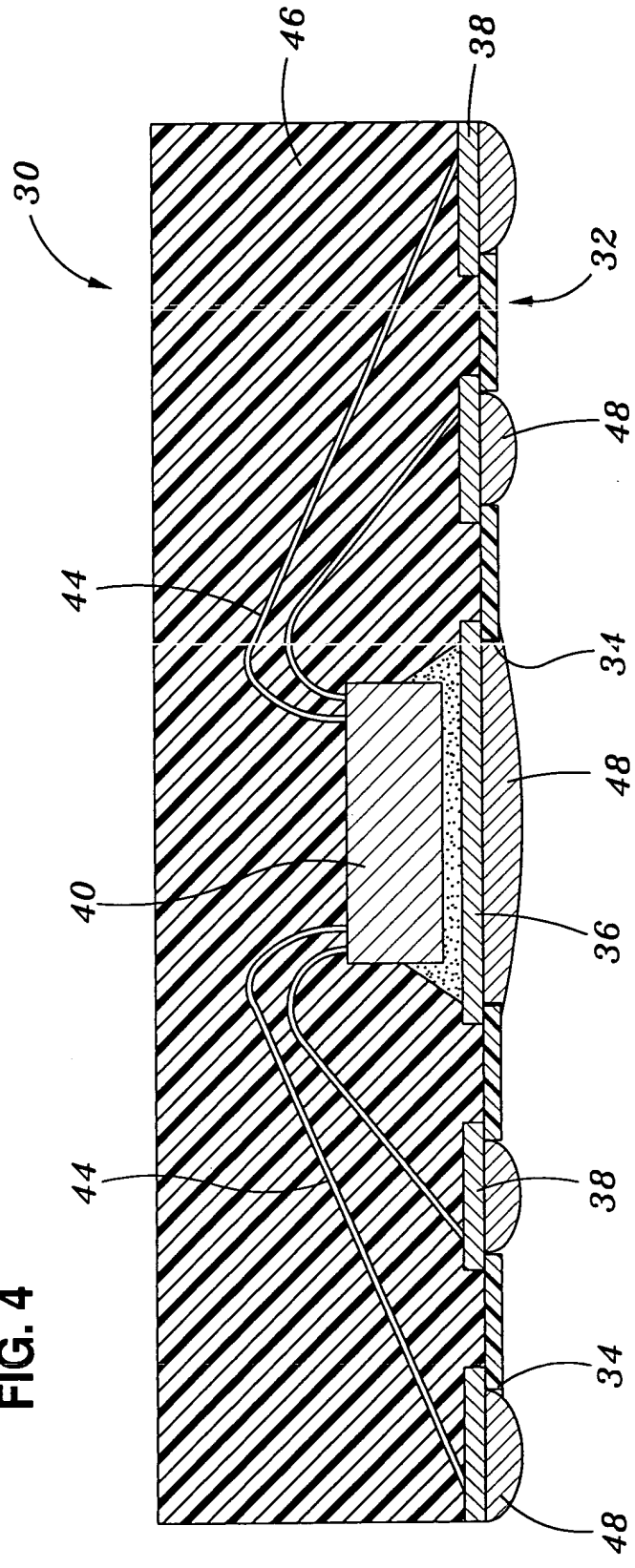


FIG. 3

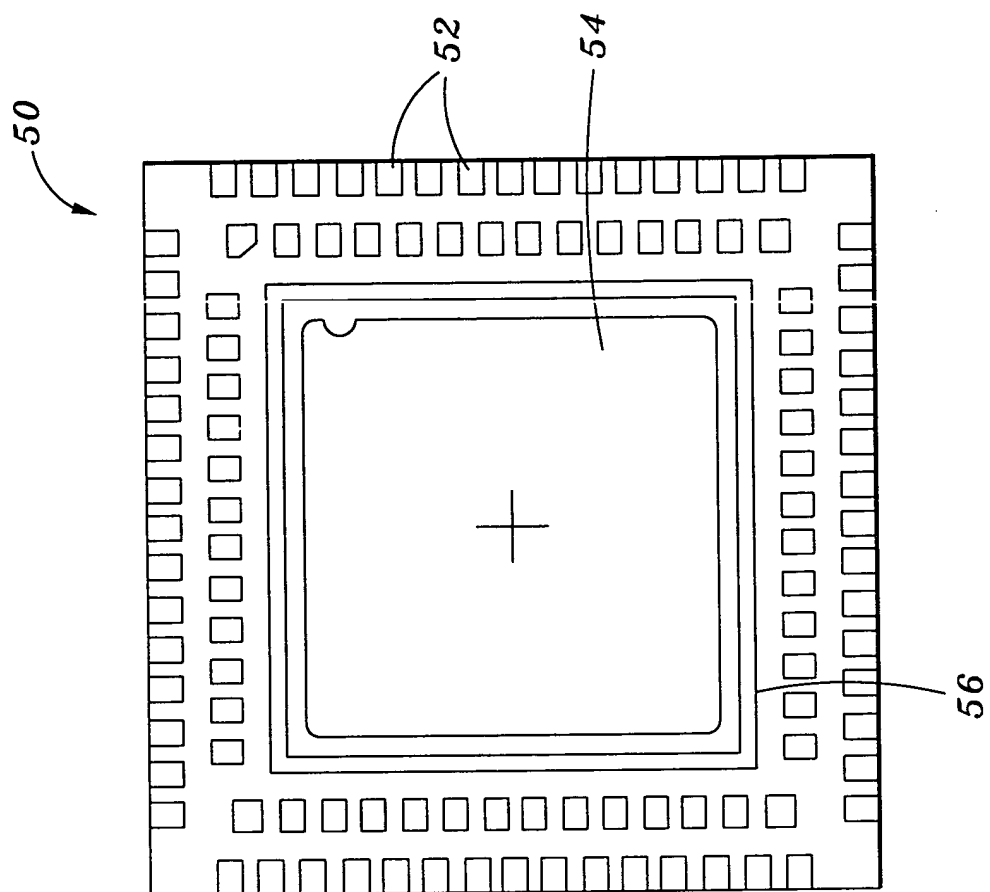


FIG. 5

Process Flow	Chemicals	Comment
Cleaning	General Acid Clean	pH 3.4 (ambient)
Hot Rinse	DI Water	
Ambient Rinse	DI Water	
Acid Clean	Sulfuric Acid	10%
Ambient Rinse	DI Water	
Microetch	H ₂ O ₂ -H ₂ SO ₄	30 min.
Ambient Rinse	DI Water	
Pre-Dip	Sulfuric Acid	10%
Ambient Rinse	DI Water	
Ambient Rinse	DI Water	
Direct Immersion-Gold	TCU-36	30 min
Ambient Rinse	DI Water	
Immersion Au	TMX-22	16 min
Ambient Rinse	DI Water	
Hot Rinse	DI Water	

FIG. 6